

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 0 | "4849674" "4593228" "4774435" "6075317" "4508610" "5598059" "6207077" "6599444" "6818153" "6905634" "4624861" "4855879" "6617782" "6686062" "4826727" "5504390" "5876863" "6682664" "6919682" "4925594" "3829700" "5394055" "5952778" "5602445" "6218774" "6218774" "5309070" "5656888" "6059936" "6059936" "5244750" "6793782" "5277841" "4755717" "5721562" "4363998" "4287229" "6447654" "6610352" "6841045" "4540914" "4297584" "4888129" "5632930" "5731216" "6120902" "5672937" "6072278" "6440649" "6940221" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/11/02 10:26 |
| L2 | 48 | (("4849674") or ("4593228") or ("4774435") or ("6075317") or ("4508610") or ("5598059") or ("6207077") or ("6599444") or ("6818153") or ("6905634") or ("4624861") or ("4855879") or ("6617782") or ("6686062") or ("4826727") or ("5504390") or ("5876863") or ("6682664") or ("6919682") or ("4925594") or ("3829700") or ("5394055") or ("5952778") or ("5602445") or ("6218774") or ("6218774") or ("5309070") or ("5656888") or ("6059936") or ("6059936") or ("5244750") or ("6793782") or ("5277841") or ("4755717") or ("5721562") or ("4363998") or ("4287229") or ("6447654") or ("6610352") or ("6841045") or ("4540914") or ("4297584") or ("4888129") or ("5632930") or ("5731216") or ("6120902") or ("5672937") or ("6072278") or ("6440649") or ("6940221")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/11/02 10:51 |
| L3 | 3435 | phosphor near film | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 10:52 |

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|-----|-------|--------------------------------------|---|----|----|------------------|
| L4 | 91255 | barrier near layer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 10:52 |
| L5 | 816 | L4 same (aluminum near nitride) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 10:55 |
| L6 | 5 | L5 and L3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 10:53 |
| L7 | 4 | L6 and thioaluminate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 10:53 |
| L8 | 1486 | barrier same (aluminum near nitride) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 10:56 |
| L9 | 4 | L8 and thioaluminate and L3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 10:58 |
| L10 | 0 | "6617782".pn. and barrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 10:57 |
| L11 | 0 | "6617782".pn. and protective | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 10:57 |

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| L12 | 0 | "6617782".pn. and (aluminum near nitride) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 10:57 |
| L13 | 0 | "6919682".pn. and (aluminum near nitride) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 10:57 |
| L14 | 34316 | aluminum near nitride | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:05 |
| L15 | 0 | "5432015".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 10:58 |
| L16 | 0 | "5496597".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 10:58 |
| L17 | 1 | "5684309".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 10:59 |
| L18 | 0 | "5770920".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 10:59 |
| L19 | 2 | "5851905".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:00 |

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| L20 | 1 | "6322860".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:00 |
| L21 | 0 | "6358632".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:00 |
| L22 | 1 | "6413645".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:00 |
| L23 | 0 | "6449082".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:01 |
| L24 | 1 | "6492026".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:03 |
| L25 | 0 | "6589674".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:01 |
| L26 | 0 | "6617782".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:01 |
| L27 | 0 | "20020011786".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:01 |

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|-----|---|---------------------------|---|----|----|------------------|
| L28 | 0 | "20020122895".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:01 |
| L29 | 0 | "4849674".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:03 |
| L30 | 0 | "4593228".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:03 |
| L31 | 0 | "4774435".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:03 |
| L32 | 0 | "6075317".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:03 |
| L33 | 0 | "5598059".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:03 |
| L34 | 0 | "6207077".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:03 |
| L35 | 0 | "6599444".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:04 |

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| L36 | 0 | "6818153".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:04 |
| L37 | 0 | "6905634".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:04 |
| L38 | 0 | "6617782".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:04 |
| L39 | 0 | "6686062".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:04 |
| L40 | 0 | "5504390".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:04 |
| L41 | 0 | "6940221".pn. and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:05 |
| L42 | 24466 | (barium near thioaluminate) or (zinc near (sulfide or sulphide)) or (zinc near selenide) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:06 |
| L43 | 990 | L42 and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:12 |

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| L44 | 149 | L43 and phosphor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:12 |
| L45 | 41 | L44 and (thick near dielectric) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:13 |
| L46 | 2655 | L14 same (barrier or protective) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:13 |
| L47 | 115 | L46 and L42 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:13 |
| L48 | 19 | L47 and phosphor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:13 |
| L49 | 7 | L48 and (thick near dielectric) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:14 |
| L50 | 3 | L49 and (rare near earth) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/02 11:14 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|------------------|
| L1 | 60 | barium near thioaluminate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/11/02 12:51 |
| L2 | 2988 | (aluminum near nitride) same (barrier or protection or protective) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/11/02 12:52 |
| L3 | 4 | L2 and L1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/11/02 12:53 |
| L4 | 19703 | fine near grained | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/11/02 12:53 |
| L5 | 138 | L4 and (zinc near sulfide) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/11/02 12:53 |
| L6 | 3 | L5 and L2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/11/02 12:53 |